Title (en)

FILTER

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FILTER

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FILTRE

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Application

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Abstract (en)

[origin: WO2015150836A1] The present invention discloses a filter comprising a tube extending from a first end to a second end and having a bore with an internal cross-sectional area. The tube comprises an inlet with an inlet cross-sectional area which is positioned through the first end of the tube. The tube also comprises an outlet with an outlet cross-sectional area, wherein the inlet cross-sectional area is less than the outlet cross-sectional area and so debris small enough to enter the inlet will tend not to block the outlet, which is larger. The filter further comprises a plurality of further inlets, often slots, in the tube between an outside thereof and the bore. In a preferred embodiment, the first end may be tapered and especially dome shaped. This helps to direct debris towards an outside of the tube, where it is less likely to be drawn into the filter and potentially block it or a downstream component, such as a nozzle. The filter may be attached to a pipeline and a nozzle.

IPC 8 full level

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- US 5087355 A 19920211 - GODEC C T [US]
- EP 1992415 A2 20081119 - LECHLER GMBH [DE]

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